Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143705.D
Acq On : 11 Sep 2025 14:33
Operator : RC/JU
Sample : Q3048-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 14:54:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	40470	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	148470	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	82637	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	118815	20.000	ng		0.01
76) Chrysene-d12	14.063	240	96375	20.000	ng		0.02
86) Perylene-d12	15.545	264	107767	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	233215	98.319	ng		0.01
7) Phenol-d6	6.516	99	287267	99.463	ng		0.01
23) Nitrobenzene-d5	7.451	82	173437	72.660	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	80657	96.851	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	371581	67.925	ng		0.00
79) Terphenyl-d14	13.004	244	312690	52.578	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	43117	40.750	ng		99
3) Pyridine	3.493	79	109156	39.936	ng		99
4) n-Nitrosodimethylamine	3.440	42	47816	46.054	ng		98
6) Aniline	6.557	93	90665	23.702	ng		97
8) 2-Chlorophenol	6.675	128	114971	44.878	ng		97
9) Benzaldehyde	6.446	77	73578	31.575	ng		99
10) Phenol	6.528	94	145805	45.670	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	106056	44.479	ng		97
12) 1,3-Dichlorobenzene	6.834	146	131689	44.946	ng		99
13) 1,4-Dichlorobenzene	6.910	146	132176	44.695	ng		99
14) 1,2-Dichlorobenzene	7.063	146	126804	45.406	ng		100
15) Benzyl Alcohol	7.028	79	99438	47.331	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	132577	42.499	ng		98
17) 2-Methylphenol	7.140	107	95740	46.457	ng		98
18) Hexachloroethane	7.410	117	42514	44.503	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	79896	45.042	ng		98
20) 3+4-Methylphenols	7.293	107	121295	44.695	ng	#	87
22) Acetophenone	7.298	105	175910	52.460	ng		97
24) Nitrobenzene	7.475	77	115561	46.691	ng		98
25) Isophorone	7.710	82	216421	47.284	ng		99
26) 2-Nitrophenol	7.787	139	63346	52.055	ng		100
27) 2,4-Dimethylphenol	7.822	122	109126	49.953	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	131429	46.725	ng		99
29) 2,4-Dichlorophenol	8.028	162	102049	46.438	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	109421	48.063	ng		98
31) Naphthalene	8.198	128	336051	45.723	ng		100
32) Benzoic acid	7.934	122	77605	58.227	ng		98
33) 4-Chloroaniline	8.239	127	29399	11.490	ng		98
34) Hexachlorobutadiene	8.316	225	68822	46.347	ng		98
35) Caprolactam	8.616	113	30223	51.674	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	102616	47.359	ng		98
37) 2-Methylnaphthalene	8.887	142	210431	41.825	ng		100
38) 1-Methylnaphthalene	8.987	142	218476	45.249	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	124564	52.653	ng		99
41) Hexachlorocyclopentadiene	9.045	237	116170	95.647	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	77965	49.353	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	76566	47.676	ng		97
46) 1,1'-Biphenyl	9.351	154	314412	52.849	ng		99
47) 2-Chloronaphthalene	9.381	162	217656	46.668	ng		100
48) 2-Nitroaniline	9.469	65	60665	49.151	ng		98
49) Acenaphthylene	9.798	152	370830	55.507	ng		100
50) Dimethylphthalate	9.657	163	255923	47.599	ng		100
51) 2,6-Dinitrotoluene	9.716	165	53624	52.164	ng		95
52) Acenaphthene	9.969	154	225317	48.943	ng		99
53) 3-Nitroaniline	9.881	138	34557	31.237	ng		99
54) 2,4-Dinitrophenol	9.986	184	47909	86.166	ng	#	50
55) Dibenzofuran	10.139	168	303616	45.864	ng		99
56) 4-Nitrophenol	10.034	139	77994	88.616	ng		99
57) 2,4-Dinitrotoluene	10.116	165	71416	51.044	ng		96
58) Fluorene	10.481	166	244151	47.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	62302	47.844	ng	#	98
60) Diethylphthalate	10.357	149	240120	47.570	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	120394	45.811	ng		98
62) 4-Nitroaniline	10.498	138	46175	44.069	ng		99
63) Azobenzene	10.633	77	219974	49.294	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	32360	53.494	ng		99
66) n-Nitrosodiphenylamine	10.592	169	202251	51.961	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	70324	49.082	ng		96
68) Hexachlorobenzene	11.028	284	74455	49.214	ng		96
69) Atrazine	11.116	200	61800	50.638	ng		99
70) Pentachlorophenol	11.222	266	105228	115.060	ng		98
71) Phenanthrene	11.445	178	341737	52.202	ng		99
72) Anthracene	11.498	178	341605	51.895	ng		99
73) Carbazole	11.651	167	253558	47.034	ng		100
74) Di-n-butylphthalate	11.980	149	329354	50.746	ng		100
75) Fluoranthene	12.639	202	418991	69.718	ng		100
77) Benzidine	12.757	184	60992	19.407	ng		98
78) Pyrene	12.869	202	447083	58.021	ng		99
80) Butylbenzylphthalate	13.480	149	112096	46.430	ng		98
81) Benzo(a)anthracene	14.057	228	426834	68.842	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	46480	24.368	ng		99
83) Chrysene	14.092	228	360538	63.491	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	158954	46.144	ng		99
85) Di-n-octyl phthalate	14.657	149	287827	46.627	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	273653	37.207	ng		99
88) Benzo(b)fluoranthene	15.116	252	460684	71.812	ng		98
89) Benzo(k)fluoranthene	15.145	252	357094m	61.677	ng		
90) Benzo(a)pyrene	15.486	252	389197	69.057	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	197473	32.362	ng		99
92) Benzo(g,h,i)perylene	17.498	276	205457	35.997	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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